From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [13114] 38 spcl. 5W mod question
Message-ID: <Pine.OSF.3.95.970225230456.11988A-100000@duke.usask.ca>

I heard rumours that someone came up with a mod to allow the 38 spcl. to
vary its power continuously from normal to 5W. If such a mod exists would
someone mail it to me. Thanks.

BTW: My 7-yr.-old daughter and I began to put the 38 spcl. together.
Thanks to the wonderful instructions in the manual she now knows how to
wind toroids ;-)

Brian.

+--+
| Brian Buydens,   Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca   http://duke.usask.ca/~buydens |
| VE5RDV |
+--+

| Keep Cool, but Don't Freeze |
| - Hellman's Mayonnaise |
+--+

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Stephen Krosner <skrosner@mindspring.com>
Subject: [13163] 38S receiver sensitivity
Message-ID: <3.0.32.19970226155932.006a6374@mindspring.com>

I've got the 38S working however, I think I still have a problem. The RF
gain control has to be run wide open to hear anything and it is nowhere
near as sensitive as the receiver in my my Yaseau 900.

I have rewound T1 several times. It is now 2t primary, 17t secondary. I
do get two peaks when I tune TC1. I have also tried changing C4 to 10pf as
suggested by Jim, K8IQY. The sensitivity still seems low.

Any ideas would be greatly appreciated.

72 Steve Krosner
     K2ZPF/4

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997

From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [13160] 40w 38 Special? Was: QRO kits and stuff
Message-ID: <M29675102.001.894e0.1.970226203349Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

> >I'm also wondering if someone were to come out with an decent all
> >band rig in kit form that ran up to 20 watts out, if anyone would
> >buy it? Most likely it would have to sell for 500 bucks to be
> >any good.
>
> >Maybe one of the kit places will offer a 20W amp option for thier
> >QRP rigs. In spite of the FCC regulations, if it's a class C amp,
> >can't see how they would be too concerned. Not exactly suitable
> >for CB rigs....as if it mattered anyway...
>
> >de KD1JV Steve in NH
>
> Actually, I noticed that the 38 Special is much like my homebrew 40m Sierra like XCVR in that *everything* in the XCVR runs off of regulated 8v except for the IRF510 final. I also used a IRF510 as the final in my 40m rig.
>
> Before I modified my output network to get more power, I was limited to about 2w. This really hurt me in the early going of the 40m fox hunt.
>
> To increase my power, I would run my rig at 24v. Since power is V*V/2R, doubling the voltage should have increased my power output by a factor of 4, but I was able to get about 6 3/4 w.
>
> The 100v rating of the IRF510 (or the 80v rating of the IRF511) gives plenty of margin for this kind of operation.
>
> The end result of all of this is that with proper heat sinking, it is likely that a 38 special "as is" may be capable of putting out 15 to 20+ watts just by going to 24v.
>
> In fact, at 35v (the limit of the 8v regulator), a 38 special could perhaps put out 42 watts!!!! How many 40w QRO rigs do you know of for $25!
>
> However, more is not better! Remember that a 7808 regulator is good for at most 35v input.
>
> As long as designers keep to regulated voltages everywhere but at the final, and as long as we keep with *****cheap***** (but rugged) MOSFET

finals, a QRP rig can be a QRO rig with the change of a power supply (and a *much* bigger heatsink).

Just another idea for a *very* cheap QRO/QRP rig. Who needs another amplifier?

- Dan Tayloe, N7VE (ex-KK7BD), Phoenix, Az QRPL # 696, Az ScQRPions

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Ted Albert <72437.651@compuserve.com>
Subject: [13115] Colorburst Sprint Reminder
Message-ID: <970226051255_72437.651_IHD66-1@CompuServe.COM>

The fourth night of the Colorburst Sprint is this Thursday, 2/27/97, from 9-10PM EST. Participation continues to be strong with a number of stations running crystal
control. Don't forget that the Colorburst Sprint presents a great opportunity to get
contacts with that Pixie or 80-9er rig, and you may get the opportunity to work a QRP glowbug station, as members of the Glowbug list will be joining us for this event.

After the Sprint has closed at 10PM EST, I will switch to 3.686 Mhz and look for QRP contacts. I modified this year's transmitter to offer 3 crystal frequencies, 3.560,
3.579 and 3.686 Mhz.

Attached with this note are the rules for the Colorburst Sprint.

Hope you can join us!

72 de Ted, KF8EE
NE404

Announcing the :

QRP-NE (QRP Club of New England)

79er SPRINT

When: Each Thursday evening during February and March, 1997

Modes: CW - Crystal and VFO Control

Freq: ~ 3.579 MHz

Power Level - 5 Watts or less output power

Time: 9:00 - 10:00 p.m. EST

Exchange - RST QTH NE#X NAME;   ie.....579 OH NE404X Ted

Members use QRP-NE number; NE404 and add X if XTAL control; NE404X
Non-members use Power Level; 4W and add X if XTAL control; 4WX

QSOs are cumulative: Work the same station on subsequent Thursdays.
Score: QSOs X SPC. Crystal Station Bonus: Total score X 1.5.

The 79er transmitter was NE-QRP's first club project. It uses a 3579.545 kHz crystal to set the frequency. These crystals are used in the colorburst oscillator of all color TV sets in the United States and Canada, and in other devices as well.

The 79er event is an on-the-air get together, not a contest. Crystal-controlled stations append the letter "X" to their calls, such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate everyone to build a crystal-controlled transmitter to use during the event!

Send Logs to: Ted Albert, KF8EE
1924 Timberidge Drive
Loveland, OH 45140

(or)

e-mail Logs to: 72437.651@compuserve.com

Logs need to be received by April 30, 1997. Results will be published in "72". State Output Power Level, Type of Rig, and Antenna Type on logs. Include comments on the event or how you built your crystal-controlled transmitter for inclusion in the report in "72".

Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz

---

Transmitter Reference articles:

In case you were wondering, "79er" comes from 3.579 MHz

Articles abound on building a simple crystal-controlled transmitter
for 80 meters. Try the "Universal QRP Transmitter", page 26 of
"Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher"
(ARRL), or "The 79er"/"Colorburst Special" (QRP-NE).

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: k4wz@juno.com (RON L TODD)
Subject: [13175] CONTEST
Message-ID: <19970227.184645.7367.1.k4wz@juno.com>

THE ARRL DX CONTEST THIS WEEK END

I am going to PINE MOUNTION, GA. to work the contest this week end with
3 other hams....
I will operate QRP AT 12 NOON EST FRIDAY, SATURDAY, SUNDAY for just a
little while if anyone needs GA.
Look for me on 7.040 mhz
Any DX station we will be using my call K4WZ so look for us in the
contest
ALL INFO ABOUT CONTEST IN DEC. QST PAGE 104

GOOD DX AND QRP
73/72 RON

RON TODD K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13111] CQC Mini Report
Message-ID: <199702260421.VAA27421@usr06.primenet.com>

Howdy All,

Well, after letting my wife take a long nap and taking
her out to dinner, I'd managed to replenish enough "Good
Husband" points to allow me to get on the air for the
last half hour of the CQC test. :-) 40m was dead as a

doornail when I got there, or so I thought. It'd just
gone very looooooong. Both AL7FS and VE6ZAA answered my
call. Jim and John. Nice to chat with them, but not much
for multipliers. Not that my "Joe" helped them out either. :-)

Don't suppose there's an award category for "Worked
Fewest Stations"? Hee hee.

Next year I'm grabbing the cross-country skis, finding
some serious terrain, and seeing if I can work 50 states
2xQRP for ARS WAS in one weekend. Yeah I know, but ya
gotta dream...

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: launerb@crl.com (William H. Launer)
Subject: [13098] Dead Band/38s
Message-ID: <v0153050faf39474a8e46@[192.0.2.1]>

30 Meters sounded completely dead this evening, so I called cq at 0109 utc.
After my second transmission, W8QOV in Ft. Meyers, FL came back to me. I
gave him a 599 (generous), and he gave me a 559. He was qro, running a
Kenwood and a Butternut antenna. I was using my trusty 5W 38 Special, and
a 125 ft inverted L antenna.

Don't just assume 30 meters is dead at sundown; if you don't hear anything,
call cq (over and over if necessary). As Chuck said, the band is always
open to somewhere. Ham radio isn't ESP, if everybody just listens, we
won't hear any signals. So, get on there and make some calls!

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [13110] DXCC Countries
Message-ID: <19970225.213916.2135.8.n4so@juno.com>

The DXCC Countries List has recently been updated and will answer most of your questions concerning commonly
heard and worked stations.
filename: DXCCLIST.TXT
from: info@arrl.org
Send a message to the above in the following format in the
Message: section

send dxcclist.txt

The text file arrives in two sections with Juno.
Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: PDouglas12@aol.com
Subject: [13150] FDIM Vendor update and sales pitch
Message-ID: <970226131214_-1373635034@emout18.mail.aol.com>

Gang,

On behalf of FDIM and QRP ARCI, I have sent invitations to about 25 vendors who would be of interest to QRPers, and the acceptances are already rolling in. I will have a posting in a few days listing the vendors who expect to particpate in the Dayton Four Days in May (FDIM) vendor program on Friday night, following the QRP banquet.

Forgive the patronization, please, Gang, but life is short. We get to count the great times of our lives on one hand or so. If you have never been, I recommend Dayton as one of those times.

I notice the Bob Follett, our committee member in charge of sign-ups has posted a list with more than 60 paid up already. The facilities for FDIM may be limited. That means you must be aware that you can be shut out if you don't sign up in advance. We were barely (just barely!) able to accomodate the one or two people who arrived from overseas without advance sign up last year. Don't take the chance. It isn't very hard to address an envelope, guys. We came darn close to turning people away last year, and it would be

terribly sad to do so this year.
   On the other hand, don't let the talk of shut-outs from FDIM or the hotels keep you home. That's silly. You can still get accomodations at a number of places if you try--and you don't lose anything by trying. But hurry up. Get it organized. Yes, it will cost you some money. Bite the bullet. I can't help thinking that as we get older, these opportunities, maybe even FDIM won't always be there. Don't miss the chance to meet these people whom we all admire and learn from. Even if the programs were poor (and they won't be) it's the people you come to be with.

So, you need to get a room. Get a roommate. Get airplane tickets. Send in your FDIM registration to Bob Follett. Send Pete Meier your reservation to the banquet (also potentially limited, guys and you don't want to miss this event). Buy your tickets to the Hamvention (you can buy at the door of course, but you save a couple buck if you buy in advance.) Go talk to the spouse. Get the time from the boss. Do it.

72,

Preston WJ2V, FDIM Vendor Chair

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Ed Pacyna <pacyna@auratek.com>
Subject: [13132] For Sale - 10 Turn Pots and Dial Counters
Message-ID: <3.0.16.19970226100950.2fd77904@galaxy.auratek.com>

1. New 10T 5K ohm pot with 7/8" diameter turns counter $12

2. New 10T 20K ohm pot with 7/8" diameter turns counter $12

3. New 10T 100K ohm pot with 7/8" diameter turns counter $13

Note: All above are new in distributor package. The pots are manufactured by either Clarostat or Spectrol. The turns counters are chrome with black knob. All are 1/4" shafts and include mounting hardware.

4. New 10T Digital Multidial turns counter $12

Note: Really nice. Unit is for 1/4" shaft 10T pot and is 1 3/4"H x 1"W brushed chrome with a black bezel (with a 3 digit readout)and knob. 1/10 turn indicates as 010, 1/2 turn as 050, 1 turn as 100, 2 1/2 turns as 250 etc..

Ed
W1AAZ

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Ed Pacyna <pacyna@auratek.com>
Subject: [13129] For Sale - Digital Multi-Meters
Message-ID: <3.0.16.19970226094559.29cf43ae@galaxy.auratek.com>

WaveTek Model CR50, Digital Resistance and Capacitance with .5% accuracy

(7) resistance ranges covering from 20ohm FS to 20M FS
(9) capacitance ranges covering from 200pF FS to 20MF FS

Brand new with manual and test leads. $45 + ship

WaveTek Model DM15XL, Digital Multimeter with .5% accuracy

DC Voltage: 200mV, 2V, 20V, 200V, 1000V FS ranges
AC Voltage: 200mV, 2V, 20V, 200V, 750V FS ranges
DC Current: 200uA, 2mA, 20mA, 200mA, 10A FS ranges
DC Current: 200uA, 2mA, 20mA, 200mA, 10A FS ranges
AC Current: 200uA, 2mA, 20mA, 200mA, 10A FS ranges
Resistance: 200, 2K, 20K, 200K, 2000K, 20M, 2000M ohm FS ranges
20MHz TTL Logic detector
Diode testing
Continuity testing

Brand new with manual and test leads. $35 + ship ($3 for US Priority mail)

Ed,
W1AAZ

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997

From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [13096] fox
Message-ID: <9702260148.AA06741@rgfn.epcc.Edu>

Wow, just worked Ernie (7038+/-) and he was 579 peaking to 599.
conditions pretty good - worth the extra day wait Ernie. Thanks.
Ray

--
Ray Colbert, W5XE, SOWP 1064M, OOTC 3618, FISTS 2146
El Paso, Tx

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [13103] FOX got him!
Message-ID: <19970225.194502.10222.3.gsurrency@juno.com>

Yahoo!

In between the QRO QSO just above 7037 khz and the RTTY
right on top of him, Ernie pulled me thru!

A lot of thanks goes to the TAC-1 and its good audio filter,
excellent front end, and the RS DSP helped too.

He was easily 559 here even if he sounded a little weak.

Time was 0236 UTC.

Thanks a bunch for the nice job, Ernie!

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: GREGOIRE@endor.com
Subject: [13128] Fox Prolog, report to follow
Message-ID: <Chameleon.970226092543.GREGOIRE@Gregoire.endor.com>

Hello Gang,

Wow, It sure was a fun night. :-)

I worked 40 stations, mostly west coast, and none closer
than IA, and IN.

I should have to pay good money to do this, it was that much
fun.:-) The station here is as follows:

Antenna: 2 element beam Cushcraft up 84 feet.

Rig: Kenwood 870, running at 5 watts.(love that DSP)

Operator, Semi- O.F. age 50

Uniform, Tee shirt= QRP IS NOT FOR SISIES
         Ham shack sweater,adorned with
     FISTS pin, New England QRP club patch.

Drink of choice : Gatorade, orange citrus :-) ;-)

72

---

de AA1IK,
Ernie Gregoire

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

Lead by example.

It is better to pull a string,
than to push it.

Fists # 2644, N.E.QRP # 202
QRP-L # 95, Fly fisher & tier,
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/26/97 09:13:49

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: GREGOIRE@endor.com

Subject: [13166] FOX Report de AA1IK
Message-ID: <Chameleon.970226130655.GREGOIRE@Gregoire.endor.com>

Hello Gang,

The following is a report on last nights activity.

FOX HUNT FEBRUARY 26, 1997

Time	Call	RST-Out	RST-In	Z#	- QTH -	Name	- Notes
0100	WA9PWP	579	559	04	- WI -	PAUL	- NR 127
0103	K5WO	579	559	04	- TX -	BOB	- NR 273
0107	VE7SL	579	559	03	- BC -	STEVE	- NR 769
0108	NN9K	579	559	04	- IL -	PETE	- NR 055
0110	NQ7X	559	559	03	- AZ -	FLOYD	- NR 333
0114	K1MG	559	559	03	- CA -	MIKE	- NR 624
0117	N7VE	559	559	03	- AZ -	ALAN	- NR 5 W
0118	NI0A	599	589	04	- MN -	JOHN	- NR 899
0125	AB7TK	559	579	03	- ID -	RANDY	- NR 202
0126	K5OI	559	599	04	- NM -	TIM	- NR 721
0129	W5FN	579	569	04	- TX -	TIM	- NR 586
0131	W6ZS	579	579	03	- CA -	PETE	- NR 257
0134	K2VC0	559	569	03	- CA -	VIC	- NR 725
0136	AB7TT	229	569	03	- AZ -	JOE	- NR 191
0137	W0FG	579	579	04	- IA -	RICK	- NR 1019
0139	KE4YH	599	559	05	- FL -	STEW	- NR 590
0142	W5XE	559	579	04	- TX -	RAY	- NR 256
0143	K5JHP	559	229	04	- TX -	BILL	- NR 825
0153	W7GVN	229	229	03	- AZ -	ROD	- NR 840
0156	VE5RC	229	229	04	- SK -	BRUCE	- NR 886
0158	N7MFB	559	599	03	- WA -	BILL	- NR 825
0203	VE5WF	559	579	04	- SK -	EARL	- NR 5 W
0206	N6MM	559	579	03	- CA -	HARVEY	- NR 418
0208	N6XU	559	579	04	- IN -	STAN	- NR 669
0211	KF6CTA	229	559	03	- CA -	DICK	- NR 951
0213	KK4KF	229	339	05	- FL -	BILL	- NR 755
0217	AC4YK	559	559	05	- NC -	JOE	- NR 568
0222	W6SU	229	559	03	- CA -	JOHN	- NR 48
0223	AB7ST	559	559	03	- UT -	BOB	- NR 129
0230	W6BA	229	339	03	- CA -	HARVEY	- NR 5W
0234	AB7MY	339	599	03	- AZ -	GARY	- NR 571
0236	AB4WQ	339	599	04	- TN -	?	- NR 50 W
0242	AB5UA	559	269	05	- NC -	CLIFF	- NR 478
0244	K1OJ	229	449	04	- TX -	OJ	- NR 732
0246	WB0JVQ	229	569	04	- MO -	MAGGIE	- NR ?
0251	KD4OBQ	229	559	05	- FL -	PAT	- NR 1009

```
0255 N4SO         229     229 04       - AL - KEN    - NR 100 W
0259 KO6KA        229     559 03       - CA - ROB    - NR 176



Proudly submitted by AA1IK
-----------------------------------
de AA1IK,                  Lead by example.
Ernie Gregoire
                           It is better to pull a string,
                           than to push it.
R.R. 1, Box 221,
South Rd.                  Fists # 2644, N.E.QRP # 202
Canaan, NH. 03741          QRP-L # 95, Fly fisher & tier,
                           Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

-----------------------------------
02/26/97 12:31:45
```

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Brad Mugleston <bmug@gwl.com>
Subject: [13085] Fox Results 2/25/97 Z Novice/Tech
Message-ID: <01BC233D.ABB563E0@pps-pc10.gwl.com>

Thanks everyone for being there I know it was short notice. Here are the results.

```
Time Call      Sent Rcvd Name QTH  NR
0249 W9XN      239  579  Martin   IND  998
0305 K8FF      459  569  Wayne    OHIO 12  I think he dropped way off by then
0316 N4SO      ???  ???  Ken  AL   622 I had problems hearing
0320 KK4KF     339  339  Bill FL   755 - he and i have a pipe line
0335 WD9DSP    449  I sent my report and he was gone
0349 KI4PZ          329  539  Rick NC   5W
0427 KB0OGI    239  226  Lots of QRN I thing I got a name of ART but not much
else.
```

I had a big pile up at 0305 but everyone was gone when I got back.   I have a question is it common for people to hear you better than you hear them?

Thanks again for the fun and see you all next month.

de KB0ROL

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: jsm@deepcove.com (Steve McDonald)
Subject: [13090] FOX SIGS
Message-ID: <199702260132.RAA24062@freya.van.hookup.net>

Ernie AA1IK is on now with a tremendous signal back here on the west coast!!
Great band condx finally!!

Steve/ VE7SL

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [13168] fox tonight (fwd)
Message-ID: <97Feb26.170029-0500_est.10422-15356+42@hooch.cc.Lehigh.EDU>

[I'm forwarding this for Jack, as the original post was sent to
 owner-qrp-l@Lehigh.EDU instead of qrp-l@Lehigh.EDU - Jim]

Gang,

Sorry this is so late, but for some reason I thought it was
tomorrow. I'll be out there somewhere, 7037 +-, 0200-0400 UTC
tonight. I may have to take out 30 minutes at 0230, in which case
I'll run until 0430.

        -Jack W5TFB 4 square vert array, Argosy@5W

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Owen Quarles <k1oj@swbell.net>
Subject: [13113] FOX-AA1IK
Message-ID: <3313BDAF.52D9@swbell.net>

Ernie had a nice sig into houston tonight....sorry about the brief lapse
to qro to clear the cq from n3ixx....
CU---OJ---K10J
HOUSTON,TX

QRP-L 732
..

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: martin38945@juno.com
Subject: [13173] FOXES AND FSFD
Message-ID: <19970226.175630.7303.1.martin38945@juno.com>

Dear Friends,

Although I am a long time QRPer, I am rather new to the QRP-L and some of it's activities. Would someone be kind enough to send me the rules and regs for the nightly fox hunts and for the FSFD activities? I would love to have a crack at being the fox some time.

I have not heard much activity from W V lately. My family and I have a summer home there and we spend our July high up in the Mountain State. Perhaps that would be a good chance to give out W V QSO's to any who need them.

Thanks to all for the great FYBO & CQC weekend. And my apologies to the Columbus people who I thoroughly annoyed by my making a string of wrong assumptions. Next year I will know there are TWO CQC's.

Vy 73,

Martin W9XN QRP-L #998

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [13162] FS: Butternut HF6VX antenna
Message-ID: <3314A38E.446E@rakefet.com>

I have a Butternut HF6-VX vertical for sale. It's very well constructed, all stainless steel hardware (except for one screw that I must have replaced), covers 80-40-30-20-15-10 meters. It's 26' tall, requires radials or other ground system. It covers the complete band on all bands but 80, on which it has a narrow bandwidth (about 35 kHz for a 2-1 SWR).

AES sells them new for $199, I'll sell it for $100, pick up in beautiful Central CA.

Now that I have the FOX BLASTER, I don't need this anymore!

Vic K2VCO (Fresno CA)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13109] FYBO Frozen Chosen Report (Long)
Message-ID: <199702260336.UAA09551@usr08.primenet.com>

Howdy All,

Welcome to the Frozen Chosen ScQRPion Team's FYBO report! Bottom line is that we definitely froze our b____'s off, made about 150 Qs total, and had more fun than mere mortals were ever meant to have. :-) Now for the gory details.... (it's a bit long, but hope to entertain you as we go).

We initially received some flack when FYBO was first announced. "Oh sure, of *course* you guys in AZ would want a winter field day!" So there was only one thing to do - make sure that I and a few (fool)hardy souls faced some of the coldest wx out there. With nearly half the state at 5000+' elevation, no problem!

We broke up into two groups for the expedition. Glenn (KC7SXW, co-worker and new ham) and I would drive up Friday afternoon to set up the site, and Mike (NQ7K) would arrive early Saturday morning. Figured we'd all use our own calls to put more sigs on the air.

Friday got off to a bad start. Turns out that all three of the campsites we'd been considering near Mingus Mtn were closed. Argh! We were welcome to hike in from the main road, but with camping gear *and* multi-rig ham gear, that didn't sound too fun. Since we couldn't think of a way to make Mike carry all of our gear, we looked elsewhere. :-)

Luckily Glenn hikes northern AZ alot and had an idea - a ridge overlooking Prescott, elevation 6700+'. But were there any trees?!? Was a bit nervous, but decided to go for it. It paid off! Glenn had picked an incredible site. Great dropoffs to the east and west, 40' trees, awesome views. Pay dirt!

One hour of sunlight left, so we started setting up the main antenna - a fan dipole with 20m and 40m elements. Using N5EM's patented method of "tree fishing", I could get the line up 30' at least, but couldn't get it to come back down. :-/ Swiss army knife took a beating. Finally Glenn went to his truck and pulled out a 14" socket wrench. Now I don't know how many of you have ever tried throwing a 5 lb wrench high into a tree, but when you bounce it off the tree trunk and it starts falling back down on top of you, it's amazing how nimble you can become. Proactive Darwinism. :-)

Finally the antenna was up. Smoke test! The Autek showed a 1.4 SWR on 40m and 1.3 for 20m. Looked good! Plugged in the QRP+ and called CQ. First taker on 40m was N.J. - not bad for late night 40m! Terrain was clearly giving the sig a nice boost. Next was QRP Jim (N0OCT) who was quick to point out how warm it was in his house. Talk about rubbing it in. :-) (And yes Jim, I'll stay clear of the donkeys...). By 0500Z the temp had dropped to 28F - good sign for FYBO temp multis! Chatted with Jeff (KN6YD) for a second 2xQRP QSO, then pounced on a QRO MS ham as a backup MS QSO for QRP WAS. Then worked another(!) QRPer - Gary (KJ5VW), who offered to let me thaw out by the fireplace if I could make it to TX. Hmmmm. Tempting! Almost got in the truck. Finished the night by working an XE2 on 7040. Must've mistakenly thought there was a Fox around to QRM. :-) Went to bed with a log full of QSOs under the wide open sky. Nirvana.

The night was incredibly beautiful. Full moon was bright enough to read by, no clouds, no noise, no wind. No heat. :-) Low that night was 22F. Downright balmy!

Next morning we set up the other dipole, and sat waiting for the starting gun, chomping at the bit. And they're off! Started off a bit slow. I was in the Novice section of 40m, nobody was answering my CQs and I couldn't hear anyone calling FYBO either. Such was the way the Novice band would go for me all day. :-/ Finally headed off to 20m. Hey! RF! Off I went, while Glenn hit 40m and slugged through his 1st FYBO QSO and only his 4th QSO ever.

The bands were a-hoppin'! An hour into FYBO, Mike showed up bearing sacred gifts of Pop Tarts and hot chocolate with those tiny little marshmallows - alright! It was in fact a shallow trick to lure me off the rig so he could get on. It worked. :-)

The rest of the day was spent juggling two rigs between the three of us. I had a trump card though - Mike was drinking more than me and hence needed more "tree watering" breaks. Like a rabid vulture I'd pounce on the unprotected rig when he'd venture away from his post. Frankly, I was out of control. They need to have a 12-Step program at the Betty Ford Clinic for QRP contesting....

We had a good system - Mike and I would each take turns working 20m dry, then trade off again to work the next wave of FYBO Folks. Added in a few jaunts to 40m for good measure. Couldn't believe all the familiar callsigns out there! Non-stop grinning all day long as we filled up the logsheets. It was amazing how strong all the sigs were!

Night began to fall, and Mike announced that he had to leave to have dinner with his wife and in-laws. Hey, wait a minute! What's this hanging out for the sunny wx then heading for the homestead when the temp drops?!? But that meant no more jockeying for air time, so I wasn't complaining. Besides, he left the Pop Tarts and hot chocolate behind. :-)

Only stressful part was toward the end of the contest. The temp had been steadily dropping all night, then leveled out at 30F. NO! AAAIIIEEEEEEE!!! Cruel Fate, why must you mock me?!? Finally, with 30 minutes left, the temp dropped to 29F. Wahoo! Masochism at its best - "I wish it sucked more!"

Right after the finish bell rang, I heard my callsign echoing in the night air. It was QRP Jim (N0OCT) again, obviously part of a plot to freeze me to death by keeping me on the air, so I wouldn't have a chance to submit my log. :-) Glenn and I camped out a second night on the ridge, while Mike was undoubtedly chuckling at us from a spouse-warmed bed. I vowed to hatch a plot that would put him in charge of checking all the incoming FYBO logs.... :-)

Drove home the next morning, stopping in the metropolis of Kirkland (Pop: 300, if you include 4-legged critters) for breakfast, where I encountered the largest pancakes ever produced in the western world. I have photographic proof!

Worked 12 hams who were running 1 watt or less. (CA, IL, LA, MO, NC, NM, NY, PA, and SC)

Lowest temp received was the ever-suffering KI0G: 10F at 12:51 MST! Unless anyone else heard a lower one, I think we have a winner....

Didn't work a single Oregon station. Hmmmmm. Weird. Where were
you guys?

Never found *any* N/T+ hams. :-(I tried, guys. Really.

Worked 31 states and 2 provinces 2xQRP - Wahoo!

A simple antenna sitting high on a ridge really gets out!

Final tally for me: 94 QSO Pts (92 QSOs) x 33 SPCs x 4 (Field)
x 2 (Alt Pwr) x 5 (29F - Whew!) = 124,080 pts.

Mike bagged about 50 QSOs as NQ7K, and Glenn worked his mandatory
5 QSOs (we weren't going to let him off the rig 'til he had at least
the minimum :-)). Fun meter was pegged!

Thanks again to all who participated! Don't forget to send in those
logs! By the time the random drawing is held, TenTec should have
their circuit boards debugged. :-)

So.... QRPTTF, anyone?

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

MST3K Fans Unite!

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13139] FYBO Prizes: Updated ScQRPion Hit List
Message-ID: <199702261540.IAA10095@usr07.primenet.com>

Howdy Folks,

Time to check those logs! We had two late additions (at least)
to the list of ScQRPions on the air, and I was already heading
for the mountains when they hit my email box. So....

Please mark off all ScQRPions you worked, and submit the total
(if you want to be eligible). If you were a ScQRPion on the air
and you *aren't* listed below, please tell me immediately!

If you already submitted a log, no worries. I'll do it by

hand as reminder for next year. :-)

Updated ScQRPion Hit List for FYBO "Worked Most ScQRPions"
award - an SW-XX series kit courtesy of Jay (WA5WHN) and
NN1G.

AB7OA	N4BP
AB7ST	N7VE
AB7TT	N9UKX
KB9LGJ	NQ7K
KC7SLY	NQ7X
KC7SXW	W5VBO
KF4KRV	W7AQK
KI7MN	W9UQB
KJ7YN	WB5QYT
KT3A	WJ4P

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Steve/N0TU <N0TU@webaccess.net>
Subject: [13116] FYBO- Sign me up for FYBO'98
Message-ID: <3313C9E5.358C@webaccess.net>

Yesssire..FYBO scored high on my FUN meter at this location...Sign
me up for FYBO'98! Asided from a few knucklehead mishaps I had a blast!
Sounds like most others did also. Not sure if I figured my score
correctly...67,200 I made only 35 QSOs but the 15 degs F sure helped
with 6x multiplier! Although, I'll admint I sure had thoughts of flying
a kite antenna on beach in the gulf of mexico when my fingers were so
cold I couldn't use the keyer only the straight key with a glove on
worked! More details on the my webpage...TKS to the ScQRPions for a
great event! See you next year with a glove for my keyer paddle!

"Just doing it" - Havin'a blast buildin'& usin'QRP gear that is...
N0TU/hw8/49er/ExplorerII/38s/solar/backpack-mobile... QRP-L #911
My homepage - http://www.webaccess.net/~S&P   ARS#206 CQC#394

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [13136] GM-15 --Blatant Plug from Satisfied Builder
Message-ID: <3314591B.B47@uts.cc.utexas.edu>

Hey Gang,

For the price, you can't beat Dave Benson's offer on the Green Mountain-15 rig. I built mine last fall and made more than the usual number of stupid mistakes including, but not limited to, putting parts in backwards, putting wrong-valued parts in improper places, and numerous de-soldering attempts. At one point, I went back and ripped out and re-soldered the entire front end of the receiver to track down a short between the antenna and the first mixer. BUT....it works like a charm. When the band is open, The receiver is great and the QSK is one of the smoothest I've worked with...very nice.

Be sure to use a 10 turn pot on the tuning as it makes a big difference. I tend not to use RIT much, but it's there if you need it.

I've now built both the Green Mountain 15 and the White Mountain 20 meter SSB and love them both dearly. If you weren't good at winding toroids before you started, you will be after you finish. Both rigs have lots of them to wind, but even "fumble-fingers" Hanson can get them to work.

If Dave Benson ever sells stock in his company, I'll be the first to line up and buy it, but until then all the usual disclaimers apply, I'm just a happy and satisfied builder.

72,

Gary, KJ5VW

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: [13145] Going to a boring social function? Take along a schematic...
Message-ID: <Pine.GSO.3.93.970226070757.7542A-100000@uhunix3>

I knew in advance it was going to be a long drawn out affair - the dinner buffet would be great but having to sit through 5 hours of speeches and "entertainment" would have me crawling the walls. What to take along? A schematic, of course. Why? Because, unlike reading a book, it doesn't take much concentration to study. Also, you can periodically look up (so as not to be rude) and not lose your place as easily as with a book. In addition, other folks respect you for bring your "work" along with you.

After those hours studying its schematic, I got to know my HW-16

a bit better Sunday night. Sure makes a radio more fun to operate
when you know its "insides" almost by heart.

73 from Hawaii,
Jeff KH2PZ

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [13092] He's there!
Message-ID: <Pine.A41.3.95q.970225183412.61672B-100000@hector.NMSU.Edu>

The fox (Ernie, AA1IK) is going strong (an honest 599 here in NM) on or
about 7.037. He didn't hear me very good but I got him. Heard others
(including Randy AB7TK) get 'em too.

Tim K5OI (0130z or so)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Bill Todd <bill@techline.com>
Subject: [13100] Heathkit TC-3 Tube Tester ???
Message-ID: <1.5.4.32.19970225225347.0068d5c4@mail.techline.com>

Hello gang(s) -

I have a Heathkit TC-3 Tube Tester, and I have used it for years with no
complaints.

However, I seem to have misplaced the supplemental tube information sheet,
and I wonder if any one on the nwq-l or qrp-l list(s) has a copy of the
extra booklet. I went to check a bunch of 807 tubes, and the 807 is not
listed in the internal paper scroll.

Any help on this would be appreciated.

Thank You-
Bill-N7MFB

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Harry Bump <bump@redrose.net>
Subject: [13108] Homebrew Inductance Meter
Message-ID: <3313D893.1BF2@redrose.net>

Hi Gang,

Did anybody build the inductance measuring device in the
July 1996 QRPARCI Quarterly Idea Exchange? Wonder how
well it does?

73,

Harry, KM3D

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [13091] imho???
Message-ID: <199702260121.UAA24089@bbs.mpcs.com>

can someone please tell me what imho stands for...
Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

```
 _____________________________________________________________________
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:      MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|             WI                                                |
|_____________________________________________________________________|
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [13126] K5FO/LZ8
Message-ID: <199702261209.MAA27324@chuck.dallas.sgi.com>

Hmmm Gang,

I hope all you guys and gals are joking. With all the email

I've been getting I think someone is out to get me. ;-)

1. I appreciate the financial offers to export me overseas
   to Bulgaria, but I don't need the money. I have enough
   frequent flier miles to get me to the moon and back.
   If I want to go somewhere, I'd go to ND and SD the only
   two states I haven't seen yet. :-) I haven't seen any
   flights by American Airlines to those states recently.
   Maybe that's why they are rare.

2. There is no way my schedule will allow me to go at work.

Phyllis and I have a trip to Spain scheduled and a vacation
later in the year, so all my free slots are scheduled. Oh,
and one trip to Dayton and Pacificon. That's it for this
year. Maybe next.

BTW There are four other people ahead of me on the RUFZ score
at the present time. (BTW - by the way)

FYI - for your information
SIG
Chuck Adams K5FO adams@sgi.com DXCC=10
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Jeremy Cowgar" <jcowgar@villers.com>
Subject: [13149] Kenwood TS-140S
Message-ID: <B0000003752@mail.villers.com>

I just purchased a used Kenwood TS-140S and did not realize one thing. The
RF Power control only affects the power out while in USB/LSB and AM modes.
When I go to CW, I always get 100watts. After reading the manual I realized
that this is the correct operation of this radio. While in CW mode the RF
Power pot controls the carrier balance, not the output power.

Does anyone know how to reduce power for QRP operations on this radio? I
assume their is no easy (quick) way of changing between QRP and QRO? Any
information would greatly be appriciated.

Jeremy Cowgar - KB8LFA
jcowgar@villers.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Larry East <w1hue@amsat.org>
Subject: [13137] Last Chance for QQ Yearly Sets
Message-ID: <2.2.16.19970226153641.3f5f95e0@eloi>

I still have several 1996 sets of the ARCI QRP Quarterly available. I also now have a limited number of 1995 sets. The sets (four issues per set) are available for $10 each plus shipping (see below). All proceeds go to the ARCI Treasury. Please make checks or money orders payable to Larry East (I reserve the right to wait for personal checks to clear). Money received for sets no longer available will be returned. Orders received after April 1, 1997 will also be returned. Please do not send email asking me to reserve a set for you; they will be shipped as orders are received. PLEASE SPECIFY YEAR(s) DESIRED (1995 or 1996). I DO NOT AND WILL NOT HAVE ANY OTHER YEARLY SETS AVAILABLE.

My address:

     Larry East, W1HUE
     1355 S. Rimline Dr.
     Idaho Falls, ID 83401
     USA

Shipping costs (in addition to $10/set):

   US (and possessions) -- $3 for one set, $4 for two sets
                           (Priority Mail).
   Canada -- $3 per set (First Class -- slightly less than
                         actual postage cost).
   Europe -- $8 pre set (Small Packet Air - $1 less than
                         actual cost).
   Asia/Pacific -- $10 per set (Small Packet Air -about $1
                                less than cost).
   Other -- Send me email for cost.

PRE-ADDRESSED MAILING LABELS GREATLY APPRECIATED!

72, Larry W1HUE

PS -- Yes, I'm sorry to report, there are a few folks on
      this list who write bad checks...

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997

From: Randy Hargenrader <randyh@harksystems.com>
Subject: [13154] Lets think about this...
Message-ID: <33148834.2831@harksystems.com>

Wait a minute on the "kit to Adam"...
Whatever you do - don't send him a kit that you have to
"tweak" to get on the air. Wait until its a "slam dunk".
The first thing he'll do is write a letter to QST about
"Why Homebrew?".

--
73, Randy WJ4P
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Buck Switzer <n8cqa@tir.com>
Subject: [13147] MI-QRP Ballots
Message-ID: <199702261732.MAA25305@tir.com>

Gang - The MI-QRP Club Ballots, recently mailed, have an incorrect return
address on the bottom! Please return to 654
Georgia Ave., Marysville, MI 48040-1243. Not 684 Georgia. Sorry for the
error, everyone who proofed the ballot missed it.

72/73

Buck Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243
Home:(810)364-9640, Work:(810)949-0151, Fax:(810)364-8179
n8cqa@tir.com, am441@detroit.freenet.org

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [13159] MIXED BAG:SOLAR STUFF/6 METER INFO
Message-ID: <9701268569.AA856995913@smtpgw.ccgate.dl.nec.com>

Gang:

I feel like Andy Rooney, just thinkin' away here -

Saw the solar report on the ARRL web page. Says that
ole sol is lagging from where the predicting bodies
were hoping for by this point (spots and flux). Hope

things change for the better this spring/summer. Guess it's all in attitude: any time I fire up the rig, make a good QSO (domestic or DX) with a few watts, I consider it a thrill. As things get better, this should really be exciting!

Has anybody used the little 6 meter radio by MFJ (9406, I think)? Been thinking of trying out 6 meters and wondering to go the MFJ route, or the TT transverter kit. Pros and cons of both? I know the MFJ is very hard to locate, everybody is always back-ordered.

Also, on the subject of propagation: all the material I've read say that as the solar activity increases the high bands get better (what many are waiting for!), but the low bands tend to get worse (160/80/40). Anybody have a sort of simple answer, as most books don't elaborate on the details. Is it due to greater absorbsion on the low bands?

TIA (thanks in advance).

73 de Dave NR3E
nr Dallas, TX
qrp-l #25, ARRL

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "James R.Sharp" <lobar@doitnow.com>
Subject: [13095] Multiband dipole/vee
Message-ID: <199702260146.SAA16691@in1.doitnow.com>

Hi all !!!

Been enjoying this group for a month now and thought I'd ask an antenna question.

Has anyone tried a multiband dipole or inverted vee made from ribbon cable ? I had a multiband inverted vee at my home QTH for over a year with pretty good,(non-scientific) results . Last monsoon season 100mph winds re-kitted the ant and most of my home. So..I,ve been thinking of putting up something less cosmetically objectionable to the XYL. Thought maybe ribbon cable might be easier to maintain and another one could be used for portable operation.

My original was made from cheap steal wire elements (Walmart), joined to a current balun and connected thru RG8X to my tunerless TS140.

Anyway I'd like some opinions....and before u ask, I like it all QRP QRPp and QRO.

re-kitted: model airplane jargon for an unintended abrupt landing.

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: nskousen@scientech.com (Niel Skousen)
Subject: [13124] N/T Fox Report
Message-ID: <v02140b02af39ee5db738@[198.60.85.224]>

TNX to all who put up w/ noise and chirp... BUT WHAT A BLAST. This was my first successful hotel operation.

NC-40(orig. semi-kit)/KC-1 into ZM-1 and 50' wire from 14th floor.... Also had a modified fiberglass tent pole tied to mini-balcony rail to get wire away from building.

0215 W7GVN 479 228 AX Rod   849
0220 WA9PWP 449 239 WI? Paul 127
0311 W1HUE?
0317 WJ4P   339 559 SC Randy 296
0320 AB7ST 449 559 UT Bob   129
0333 N7CQR 229 229 AZ? Dan   257

TNX agn from N/T Fox WA7SSA/5 from Houston !!
>(I'll get K5FO in the foxlog one way or another :-)
DID not get Chuck though :-(

72
Niel

--------- -.. . .-- .- --... ... .-   --------------------
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG   nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID   WA7SSA QRP-L.119
Z-----------------.----------------------------DN33wm--- . . . -

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [13157] NORTEX monthly meeting
Message-ID: <199702261956.NAA23276@vob005.spd.dsccc.com>

QRP*ers

The North Texas QRP Club, a.k.a. NORTEX, will meet this coming
Saturday, March 1, 1997, at 10:AM at Silicon Graphics Inc
Cray Research offices. The location is 6200 LBJ Freeway.

>From the corner of Preston and LBJ, take the East bound access
road (on the South side of LBJ). Proceed about 300 yards or so
just past the Best Western Hotel to an empty lot. Make the turn
into the empty lot, and proceed to the back to the parking lot.
There is a sign with 6200 LBJ on it showing an arrow to parking
and deliveries. (If you miss first turn into the empty lot, the
next turn will also allow you to get to the parking lot.)

These meetings are always informal and open to anybody interested
in QRP. Bring a friend.

The meeting room is on the second floor as you go in the West
side of the building you'll enter the central area and there
is a winding staircase (and an elevator) to the second floor.
The room in on the north-west corner of the building.

If you do not use LBJ on a regular basis, then please be aware
that it is under construction. If you can use Beltline to
Preston, or Forest to Preston, that might be prudent.

72s, 73s, whatever it takes,
Charles Cashion, W5ISZ
Plano (Dallas is our nearest suburb) Texas
ARRL NorTex#116 NorCal#1320 QRP-L#76

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [13151] Old Callbooks
Message-ID: <1.5.4.32.19970226182037.0066e6c0@adsnet.com>

Anyone on the list own a Callbook published prior to 1980? I'm trying to
find out who was the last holder of my present call and get an approximation
of how long it was dormant. There are services out there that will give you
a complete history for a fee but I'm only interested in the last holder of
the call.

ObQRP: Taking a trip to Florida to visit my dad and was going to take my 20M NN1G MkII along. I imagine a coax fed dipole would be my best bet for an antenna as that would eliminate a tuner. Any of you QRP travelers have a better idea for a temporary setup?

Thanks

Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Buck Switzer <n8cqa@tir.com>
Subject: [13148] QRP-ARCI DX Representative
Message-ID: <199702261732.MAA25282@tir.com>

Gang - Dick Pascoe, G0BPS, has, once again, agreed to be the DX rep. for QRP-ARCI. Dick's e-mail address is:
Dick @kanga.demon.co.us. He can be reached via snail mail at: Kanga Products, Seaview House, Crete Road East, Folkestone. Kent CT18 7EG.UK. Telephone/Fax at: 44(0)1303 891106.

Our thanks to Dick for all his efforts.

72/73

Buck Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243
Home:(810)364-9640, Work:(810)949-0151, Fax:(810)364-8179
n8cqa@tir.com, am441@detroit.freenet.org

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Buck Switzer <n8cqa@tir.com>
Subject: [13161] QRP-ARCI DX Representative
Message-ID: <199702262045.PAA06462@tir.com>

>Date: Wed, 26 Feb 1997 12:28:30
>To: QRP-L
>From: Buck Switzer <n8cqa@tir.com>
>Subject: QRP-ARCI DX Representative
>Cc: Dick Pascoe G0BPS
>

>Gang - Dick Pascoe, G0BPS, has, once again, agreed to be the DX rep. for QRP-ARCI. Dick's e-mail address is:
>Dick @kanga.demon.co.uk. He can be reached via snail mail at: Kanga Products, Seaview House, Crete Road East, Folkestone. Kent CT18 7EG.UK. Telephone/Fax at: 44(0)1303 891106.
>
>Our thanks to Dick for all his efforts.
>
Gang - I had Dick's e-mail address messed up the first time. Sorry. Not a good typing day! Thanks to Gordon, KC7TTV.

72/73 Buck

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Tony Fishpool <101573.3220@CompuServe.COM>
Subject: [13169] QRPp - December
Message-ID: <970226223333_101573.3220_IHK101-1@CompuServe.COM>

Greetings All,
As I guess you are all aware, no December QRPp's have been seen over here and earlier I posted a message asking if anyone could copy it for me. I am pleased to report that a very nice copy arrived today, but my very kind benefactor, very modestly, doesn't want me to thank him by name, so I will respect his wishes. I would like to publicly acknowledge his generosity all the same, and although it has been said many times before, this list is an invaluable resource.

What I would like to do now, is to offer to make copies for the folk over here, but I don't want to step out of line, so if there are any objections due to reasons of copyright I will understand.

Kind regards
Tony - G4WIF

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [13164] QST March (*not* the letter)
Message-ID: <3314A55C.3744@mtechnologies.com>

Hope all the excitement about that kid's anti-QRP letter didn't stop everyone from reading the rest of the mag [g].

I found Azden's ad on page 132 particularly amusing. The headline reads, and this is a direct quote "LOOKING FOR A SINGLE BAND 2 METER?"

Uh... NegaTORry, good buddy. I'm looking for a MULTI-band 2-meter, 10-4?"

73
Marshall

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13112] Quality Straight Keys?
Message-ID: <199702260428.VAA27846@usr06.primenet.com>

Howdy again,

It seems I have a little birthday money left over, so naturally I started looking at what I could do to improve my station. That's when it occurred to me that a new high-quality straight key on a solid base might make my life a little nicer.

Any ideas? My goal is to get to 25wpm clean on the beast, but I'm not sure how much "quality" would help that along. I saw the ad for the new Bencher key, but $149 for the base model? I feel funny spending more for a key than I do for most xcvr kits. But if it was *really* that much better....

Thanks!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

PS- Ernie was booming into Phoenix too! Solid 579 when he wasn't hidden in some deep QSB. Weird condx. I could get used to this. :-) Thanks Ernie! Fox #17.5 - Wahoo!

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Bob Kellogg <ae4ic@nr.infi.net>

Subject: [13170] Results - Tuner Survey - long
Message-ID: <199702262245.RAA05430@mh004.infi.net>

Gang, this is a summary of the Tuner Survey of commercial equipment. I have included Home Brew kit designs and other HB "standards". They are sorted by (1) most popular Brand (2) Alphabetically. Versions of the same model No. are grouped together. I.e., MFJ-949-D, MFJ-949-E.

Many thanks to those who participated.

Brand, Model	Design	Number
MFJ-948, 949-D,E,EY(?)	T-Match	19
MFJ-941-C,D	T-Match	11
MFJ-971		11
MFJ-989, C	T-Match	4
MFJ-901-B		3
MFJ-16010-ST		2
MFJ-986		1
MFJ-962-C		1
MFJ-921		1
MFJ-624		1
MFJ- Versa Tuner V		1
HB St. Louis tuner	T-Match	11
HB ZM-1 (EMTECH)	Z-Match	7
HB Super Tee	(W3TS) L-Match	4
HB SPC	(Ultimate Transmatch Mod)	3
HB	Parallel Tuned Tank	2
HB	T-Match (C-L-C)	1
HB	Ultimate Transmatch	1
HB	Rainbow tuner	1
Johnson	Matchbox	5
LDG AT-11 QRO	Auto L-Match	4
LDG AT-11 QRP	Auto L-Match	5
Drake MN2700		3
Drake MN2000		3
Drake MN-7		1
Drake MN-4		1
Dentron Super Tuner	T-Match	3
Dentron Jr. Monitor	T-Match (C-L-C)	2
B&W VS-300-A		2
B&W VS-1500-A		1

```
Heath HFT-9,A                                          2
Heathkit QRP tuner                                     1
Heathkit 2060-A                                        1
Heathkit 2040-A                                        1

Kenwood AT-200                                         2
Kenwood TS-850                      Autotuner          1

Ten Tec 238                                            2
Ten Tec 227                                            1
Ten Tec 229                                            1
Ten Tec  (?) 100 watt                                  1

Tucker T-1000                       Pi-Match           1

AEA AT-3000                                            1

ANNECKE              (Johnson Matchbox design)         1

British (?)                          T-Match (C-L-C)   1

Icom AH-2                           (Autotuner)        1

Murch UT-2000-A       (Ultimate Transmatch design)     1
Murch      (SPC mod to Ultimate Transmatch design)     1

Palomar                              T-Match (C-L-C)   1

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill
```

```
From owner-qrp-l@lehigh.edu  Wed Feb 26 18:04:17 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [13171] Results: HB Tuner Survey -long
Message-ID: <199702262245.RAA05206@mh004.infi.net>
```

Gang, I received a lot of replies to the Tuner Survey, particularly in the Home Brew category. (The HBs which copied a commercial or popular design are listed in a separate post)

It was interesting to see that many of the guys whom we would recognize as knowledgeable in the ways of RF designed their own matching networks as well as (or instead of) using commercial tuners.

Don't know how to summarize them without losing some important info, so here

are most of the HB tuners, described in the Brewers own words soapbox style. They are in no particular order, just as I received them. Since this was a survey which are usually anonymous, names are not included. However, I'm sure that these guys would provide more detailed info to those who want it. Just tell me what you want info about and I'll pass your request on to the right guy.

1. What is your favorite tuner brand and model no.?
MFJ-949 with some rework by yours truly. Is it a "Pi-Match" (C-L-C, L in series) It is a Pi-section filter.

2. it is a switchable L (L-C) or T (L-C-L), remotely controlled.
It has all the remote antenna switching too. C is variable from small to 800 pF; the L's are about 30 uH rotary inductors, largest I have ever seen. Easily loads anything I have on 160-15. I've never tried 10, think maybe too much stray cap for that band. It weighs over 100 pounds including the very heavy weatherproof box. Including the feedline of 20' RG-8, I measure 0.6 dB loss into a series R-L or R-C load, with R a precision 50 ohm resistor and Xc and Xl 500 ohms. (This was measured on 10.1 mHz; I rarely use 20 and up.) I have no idea how it performs when feeding other R's, but my longwires are never low R.
I do have a high power transformer to step up very low R loads; tested it to load a 15' whip on 80 and 160, which the tuner could do, but never used it. This thing is made from a surplus Harris military tuner I got from Paul.

3. I've built two of these:

http://www.frii.com/~michael/electronics.html

I use a rain gutter at home and this T-tuner
can do just about anything from 3.5MHz to
30Mhz.

The one at work is housed in a Radio Shack
blue plastic box: 6"x3"x2" and tunes a
40m dipole for 80m, 40m and 30m without
any problem at all. It has a little trouble
with 20m on the 40m dipole but I don't
like 20 anyway.

4. A hb link coupler for 80, 40 and 30.

5. One QRO hombrew/w roller coil and
ganged dual capacitors being torn apart for re-building.

6.

A. Home Brew SPC for 20-10 meters (C-L-splitC [one side across coil]) Tee. Uses 50 pF Cin, 50-50 pF Cout, and 6 microH roller L.

B. Home Brew L-C-L Tee using 2 10 microH roller Ls and a combination (switched)
100 pF, dual 500 C parallel combo C.

C. (Under construction): L-C-L Tee, with switched toroid Ls and 500 pf parallel receiving C, built into rig and optimized for 30 meters--switchable into an L (series)-C(parallel) L circuit for long wires.

D. (In planning stage): balanced PI (C-L|L-C) with balun input and ganged roller Ls (need to find these). Projected values: Cin 500 pF with switched fixed Cs, 2-10 microH roller Ls, and 500 pF Cout.

E. (In planning): "old fashioned" inductively coupled ATU.

7. What is your favorite tuner brand and model no.?
Homebrew. Is it a "Pi-Match" (C-L-C, L in series)
Yes! Seems to work great! (160-15m)

8. Also use a HB LC tuner for end-fed wires.

9. I use a homemade L- network. The inductor is a 25 Uh max roller-coil with ceramic form. The cap at the output to ground looks like 250 pF max. It will load any number of wire lengths
from 1.6-30 Mhz, ham and non-ham.

10. Well, the HB ATU works a little better, in that I can almost always match stuff. But I know also that it is lossy. It is an old design re-submitted by Doug DeMaw some years back, and I think reprinted in QRP Classics.

It uses a link coupling to a parallel-tuned circuit, and a capacitor from the top of that LC tank goes to the output. Two different coils, shunted or not by two other coils, allows 80-10 coverage. A resistance bridge is built in for tuning up. I think the losses come from inadequate spacing between coils and other stuff in the box
(It's sorta free form in there), and the coils are merely 18 gauge wire wound on discarded syringe containers (some kind of thermoplastic)- about 1.25 and .75" in diam for the two coils. Someday I will re-build and use torroids. I'm sure I'll get better efficiency.

11. W1FB - Simple Resonant Antenna Tuner - home built

12. Not trying to be snide, but I use no tuner. I try to make all my antenna's resonant at the frequency that they'll be employed on. I try,

anyway!

13. I have four homebrew Pi-Net tuners that have tapped inductors and five banks each of relay-selected varicaps (that's a total of 40 varicaps!). These track automatically with the band setting on either of my Omni VI transceivers. I have a primary and backup antenna for each of my transceivers, and all antennas are multiband Zepps that are 1:1 SWR on any five selected bands (which can be determined through jumpers on my interface board).

I can change bands using either the computer, or the individual bandswitch on either transceiver. I guess you could say that I've managed to assemble my "dream station" and, quite modestly speaking, it kicks butt!! I can very quickly bring either or both transceivers to a pileup and have the advantage of being able to choose from any of four different antennas, all of which work quite well, even though they are low wires.

14. One Homebrew BIG/ roller inductor and ganged 365mU Caps, not in use.

15. Both my ATUs are home-brew.
In the shack I use an L-section with switchable capacitor and a 30 uH home-brew roller-inductor. The configuration can be turned around with a switch.
My portable QRP station uses a pi-circuit made of two 3-gang 500 pF variables (ex fire-bottle receiver) and a tapped inductor wound on an Amidon T-200-2 torroid.

16. Have a homebrew Ultimate Transmatch from the old ARRL handbook (SPC backwards).....

17. home brew qrp ultimate tuner split stator input, toroid coil, series cap out. balun also for tuned feeders, as well as coax input.
qrp series inductor (toroid) series cap (365)

building a manual version of AT-11 using fixed caps and fixed inductors.

18. I've tried L networks and Pi nets. All work,but some easier than others. My favorite is a parallel TT with plug in coils for 80 thru 10. It is much bigger than necessary, for QRP, but it tunes anything and I read that it has the best harmonic rejection. My next tuner project will be a Z-match and then a good Pi-net. I'm 74 and hope to be doing this 20 years from now!

19. My tuner is a homebrew qrp version of the Balanced Balanced Antenna Tuner by Measures.

Mine differs in that:
- I use seven different toroids on each antenna leg instead of

roller inductors. Their values(uh) are:
0.25 0.5 1.0 2.0 4.0 8.0 8.0 The toroids may be individually switched in so that 128 inductance combinations can be obtained.
- I used switched capactiors. Their sizes(pf) are:
5, 10, 22, 47, 82, 160, 390. Individually switchable also as the inductors.
- I use a current balun that is wound around a 1.4 in. diameter type-77 ferrite core. I think its 15 turns of RG-174.
- I added a switch that allows the capacitor bank to be connected to either the antenna side of the inductor or the rig side of the inductor to allow matching loads above or below 50 ohms.

I have done some simple tests with it and am well pleased. It seems to be able to match a wide range of loads over the bands I can test it on. The balance as it is typically measured appears to be excellent. Even with fairly unbalanced loads, a balanced current is forced into the load.
****

And there you have it, Gang. A lot of creativity in this group!

CUL,

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: scott.thomas@circellar.com
Subject: [13099] Reveiw of an Inductance Meter
Message-ID: <9702252112.0TSSM01@circellar.com>

Model: IA-1 Inductance Adapter For DVM
Mfg: Electronic Rainbow Inc
Retailer: Marlin P. Jones & Associates Lake Park, FL
See Also: November 1996 Popular Electronics pg. 50-51
Cost: $14.95 + shipping from Marlin P. Jones
Range: Low Range; 3uH to 500 uH, High: 100uH to 5MH
Currant Draw: 14ma.
Power Source: 9v. (on board 5v regulator).

Assembly:
The kit consists of a single-sided circuit board, all board mounted parts (18) and a connector for the inductor. The board although not solder masked or silked screened is easy to stuff and solder without solder bridges. The board fits well in a

RS 270-221 case, and the inductor connector as well as a spring loaded connector for DVM probes (RS 274-315) can be hot glued to the outside of the case. I also added an LED in series with a 4.7k resistor (1.5ma draw) to easily determine when the unit is on.

Calibration:
The adapter is zeroed by placing a jumper across the inductor terminals and adjusting pot R1 for a reading of 0 on your DVM. The instructions advise to calibrate the low range with an inductor having a value of about 400uH. I used a 390uH inductor. I used a 4.7MH inductor for the high range. A 5MH is recommended. I had difficulty calibrating the high range pot, and had to add a 100k resistor in parallel with the 22k resistor R8 to bring the pot into range. I later did the same to the low range calibration pot.

The natural tendancy after calibration is to pop in a few chokes and test their values. To do so, simply set the DVM (an analog meter is not recommended) to the 2v range and read the meter. On the Low range, a 10uH inductor will read .010. On the high range, a 100uH will read .010. The following are the values of inductors I used and the meter readings (multiple readings indicate multiple inductors):

Value	Reading
390	390 (Calibration value)
100	101.6
15	17.6, 17.6, 17.5,17.8
10	12
6.8	8.8
5.6	7.6,7.8
4.7	6.3,6

The readings, below 100uH were not within the spec of the inductors used (5%). The adapter seemed to have lots of difficulty measuring at the low end of its range. Calibrating it at a lower value (15uH for example), yielded only marginally better results, and prevented accurate measurements of higher value inductors.

I had lots of fun building and packaging this kit. I had dissapointing results measuring

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [13088] RF Torpedoes ready!

Message-ID: <331383CF.47A0@rakefet.com>

Well, I'm tired of being the weak one, do you hear, tired of it! The FRESNO FOX BLASTER, all 120 feet of aluminum and copper in the shape of an inverted L is finished, practically TOUCHING the ionosphere iself. Just another 40 minutes and I'll fire a thunderous blast to vaporize the fox!

I'll never be weak again, NEVER! HAhahahahaha...

K2VCO

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: QLF%mimi@magic.itg.ti.com
Subject: [13125] RFI, APRES' SKIING, ETC - - - - - - - -
Message-ID: <9702261322.AA07759@itg.ti.com>

From: Brad Bradfield   QLF

Subj: RFI, APRES' SKIING, ETC - - - - - - - -

Good morning QRP'ers and QRP'ettes - -

I just recently tracked down (and hopefully cured) a bit of RFI that was affecting my Wilderness Sierra. I would occasionally hear various noise bursts of moderate strength in the headphones when using the Sierra. Thinking this to be just the norm on 40-meters, I didn't pay much attention to it for a long time. Then one night, out of the corner of my eye, I noticed the red or green panel indicator lamp (transmit or received signal indicators) on my Kenwood TR-751A packet rig (know where I'm going here?) seemed to be in sync with the bursts heard in the headphones. Well, my operating desk is basically a couple of stacks in the center-rear of my desk consisting of a Hallicrafters S-38, a couple of Knight-Kit receivers, a Johnson Matchbox (hey I like Boatanchors too, ok?), the Sierra, my MFJ-971 tuner, the Kenwood TR-751A, packet modem, 286 PC, keyer, paddles, SWR analyzer, field strength meter, etc. Well, the noise burst was occurring everytime there was a data transfer in either direction between the packet modem and computer on the RS-232 bus. Placing a snap-on ferrite core on the RS-232 cable removed or at least greatly reduced this noise burst. Eventually I will be rearranging the desk, and should be able to get the packet and QRP stations seperated enough to reduce problems too. Look around you if you're having RFI problems. The source may be closer than you think.

FYI, I will be in Winter Park, Colorado on a ski trip March 18-21, and will be taking my Sierra along for a bit of apres' ski hamming. (Hey, I'm 49 years old and married. Any other apres' ski activities went out the window years ago!) The evenings available for hamming will be the 18th through the 20th,

with the 19th and 20th being the most likely. Operation will be on 40 and 80 (gotta get the 80-meter band module built) with 30 being a daytime possibility on a very sporadic basis. As the dates get closer, I'll post some possible times and frequencies. I'd love to work some of you QRP-L folk. Anybody else going to be in Winter Park that week?

72's es 73's,

Brad, WB0CGH

****
Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 972-462-6230 (Soon to be: Raytheon/TI Systems)
Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Floyd Smithberg <floydnq7x@worldnet.att.net>
Subject: [13142] ScQRPion March Meeting
Message-ID: <19970226162124.AAA4265@LOCALNAME>

Well for all who survived FYBO, have heard of no casualties, we will meet as usual at 1030 MST Sat March 1...thats 1730 UTC Sat March 1 at:
Lubys......1933W. Dunlap, Phoenix.....next to HRO.
Lots to talk about...."if we only had......we could have" worked more dx, had more Qs in FYBO, worked the Fox Mon night, etc, etc.
Gotta get ready for QTTF next...no more BIG antennas...Dan beat the pants off our 300 ft Vee with his 2W and short vertical during FYBO. But we (KI7MN,W5VBO,AB7OA,KC7SLY,W9UQB,N7VE,NQ7X) had a fun field day in the sun wrestling with antennas and giving points to the many FYBO field stations.
Will plan for Ron KU7Y visit on March 26...looks like another fun social evening...reserve the date. Out of towners or QRP wannabees always welcome.
Floyd NQ7X Phoenix ScQRPion dm33uq
ARCI G-QRP NORCAL ARRL

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: JustinDD@aol.com

Subject: [13087] Start-up Rig
Message-ID: <970225185038_1515201168@emout07.mail.aol.com>

I am currently working on my Technician + License, and I am wondering what types of kits I should build. I would like to be able to do phone as well as CW, and I already have begun to make my iambic keyer from the TiCK-1 chip. Please tell me about cheap kits to build and ideas for an antenna that would work well.

This is a great list by the way, thanks to everyone who responds so quickly to another person's inquiry. Things are really smooth working here.

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [13131] TenTec #1340 QRP
Message-ID: <33144454.7334@edcen.ehhs.cmich.edu>

Just received my second TT 1340 today from TT at no-charge (first one had bad etch pattern on board) and what an improvement!

New 1340 boards are a medium green in color with white lettering and parts placement guide. Also, unlike the original boards, these new boards have plated thru holes....yes!!

Nice job TenTec!

Gary/N8AYY

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: v31ry@ix.netcom.com
Subject: [13134] Test
Message-ID: <19972241453532191 69@ix.netcom.com>

Test

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: v31ry@ix.netcom.com
Subject: [13135] Test
Message-ID: <19972241453532191 69@ix.netcom.com>

Test

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: v31ry@ix.netcom.com
Subject: [13138] Test
Message-ID: <19972241453532191 69@ix.netcom.com>

Test

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: v31ry@ix.netcom.com
Subject: [13140] Test
Message-ID: <19972241453532191 69@ix.netcom.com>

Test

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [13086] Where?
Message-ID: <1.5.4.16.19970226000940.2fbfb150@mail49.mci2000.com>

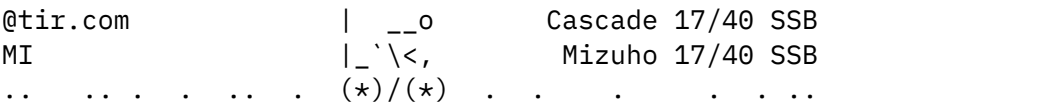
Gang...anybody else work J75T this afternoon on 30M besides me?

He/she was loud. Anybody know where J75T is?? None of
my references shows this one. Not a real DX chaser I
guess.

72...Jim

BTW....I also worked a lad in Florida. He was 529 running
100 watts and a loop and I was 569 there with the 38S and
170 foot longwire. He just was astonished that I was only
running 3 watts! Is this fun or what!! :-)

Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L

jokortge@tir.com
Fenton, MI


From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Mike P <73571.3404@CompuServe.COM>
Subject: [13093] WTB: 40-9er unbuilt
Message-ID: <970226014024_73571.3404_FHD51-1@CompuServe.COM>

Looking to buy a 40-9er kit. Mike

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [13153] WU7Y
Message-ID: <M1308626.001.84ov0.1.970226185807Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Does anyone know if our NorCal contest coordinator, WU7Y, has an email address?
I don't recall seeing one.
Thanks, Bob N6WG

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: tmh@world.std.com
Subject: [13141] ZL-Special (more detail)
Message-ID: <Pine.SGI.3.93.970226104704.7941A-100000@world.std.com>

After my initial post (three minutes ago!) I've gotten some requests for
info on the ZL-special.

Unfortunately, an article I had giving its dimensions is wintering at my
parents summer place on Martha's Vineyard, out of reach. All I have is a
little program called ARIEL15 that will design one for you. You can get
this program at ham FTP sites.

Basically, a ZL-special is two folded dipoles made of 300 ohm twin lead,
connected together such that they're fed 135-degrees out of phase. (I
assure you I don't know what I'm talking about.)

Could somebody with brains and experience post a description of this antenna, perhaps with dimensions in terms of wavelengths? I know others are interested.

-- Tim N1PAZ

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: tmh@world.std.com
Subject: [13130] ZL-Special?
Message-ID: <Pine.SGI.3.93.970225101756.19238B-100000@world.std.com>

I've always wanted to try one of these, out of 300 ohm twin lead, for 20m. I'd be interested in hearing peoples' experiences with this cheap/easy wire gain antenna. Maybe throw one up this weekend in prep for the DX contest.

Tim N1PAZ

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: jim hale <kj5tf@mctc.com>
Subject: [13127] [Fwd:] 38 special xtal help pse
Message-ID: <3314620A.3589@mctc.com>

This is a multi-part message in MIME format.

--------------C801DA575B0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heres a message i got this AM from a former list member and friend Bob, W0LK.
My best answer is that I do have a problem with RF output on my second 38s kit. I havnt done enuf looking yet, but it seems to be putting out allot of RF off 30M band. I rarely make a contact with the best TC2 setting I can find.
And I did solder X2 & X3 to ground but didnt notice any difference. I used a 15w tip and was carefull. (The tip u gave me Bob) :-)

Hope some of you will make a comment DIRECTLY to Bob   bobsey@juno.com

thanks for any help, de Jim

--------------C801DA575B0
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: bobsey@juno.com
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
mail.cei.net (8.8.5/8.6.9) with ESMTP id TAA29126 for <KJ5TF@mctc.com>; Tue, 25
Feb 1997 19:16:10 -0600
Received: (from bobsey@juno.com) by x3.boston.juno.com (queuemail)
     id UkN23918; Tue, 25 Feb 1997 20:14:33 EST
From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [13144] Re: "WHY QRP?" letter in Mar QST
Message-ID: <8D2C1D1.0004000FA9.uuout@cheaha.com>

Hmmm, if Adam was to unexpectedly receive a 38 Special in the mail, with
a little note mentioning the QRP "state-of-being"....I wonder if that'd
make something "click" with him.   A nice shiney kit, curiousity as to
whether he could build it, it's smallness, the challenge, etc., etc.,...

72/73
Ed Welch KF4KRV
QRP-L #873
Luverne, Alabama
Crenshaw County - Grid EM61
          +---+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
          +---+

                >   Isn't "time" a 4-letter word?   <

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [13172] Re: 38S receiver sensitivity
Message-ID: <1.5.4.16.19970226223348.221f4698@mail49.mci2000.com>

At 03:59 PM 2/26/97 -0500, Steve wrote:
>I've got the 38S working however, I think I still have a problem. The RF
>gain control has to be run wide open to hear anything and it is nowhere

>near as sensitive as the receiver in my my Yaseau 900.
>
>I have rewound T1 several times. It is now 2t primary, 17t secondary. I
>do get two peaks when I tune TC1. I have also tried changing C4 to 10pf as
>suggested by Jim, K8IQY. The sensitivity still seems low.
>
>Any ideas would be greatly appreciated.

It may be that you are comparing noise levels, and the 38S is quite
a bit quieter than your 900, I'd guess, since the 38S is all analog,
and the 900 is systhesized. The 38S may not hear as well also, but
shouldn't be worse by more than a few dB, based on my experience.

Also, make sure that you headphones are a good match for the output.
Mine wasn't hearing all that well (I thought) until I ran the headphones
sides in series instead of parallel. Boy what a difference. And then
I shorted out the resistor (R24) on the output of U5B and was amazed
at the difference that made.

72 and GL.....Jim

Jim Kortge, K8IQY (ex NU8N) | BMHA, NorCal, QRP-L
jokortge@tir.com | __o   Cascade 17/40 SSB
Fenton, MI |_`\<,   Mizuho 17/40 SSB
...   . (*)/(*) . .   .   .

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: haf47@juno.com (HOWARD A FRIEDMAN)
Subject: [13104] Re: Antenna Coil
Message-ID: <19970225.211219.4351.0.haf47@juno.com>

>antenna
>and so you could tune 160-15 right from the drivers seat. More on this
>
>later.For mobile I built a base section out of 3/4 inch copper tubing
>with the associated 3/8 x24 thread adapters and is about 4'long.(cost
>5.00). on TOP
>
>BAND mobile! Tom WB5QYT qrp-l #640
>
>
Hi Tom, sorry ut took me so long to reply...I am interested in
duplicating your project, but am unfamiliar with the 3/8-24 thread
adaptors. Do you have any suggestions on where to buy them? Are they made

to fit inthe 3/4 inch copper pipe? I assume they are, and are simply
soldered to the pipe end. Thanks in advance for any possible info.

73, Howard

haf47@juno.com
WA2AFD @ WA2UMX.NY
QRP-L # 1008

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Dick Pascoe <Dick@kanga.demon.co.uk>
Subject: [13094] Re: E-mail reflector for G-QRP?
Message-ID: <HO7ZFWAVjsEzEw1M@kanga.demon.co.uk>

In message <3311A937.7ED7@webaccess.net>, Steve/N0TU
<N0TU@webaccess.net> writes
>Hi Gang...is there an e-mail reflector for our friends accross the pond
>in G-land??   Steve

>
Yup...

    gqrp-l@blacksheep.org

TTFN de ..
--
Dick Pascoe G0BPS/G0ROO   Kanga Products
Dick@kanga.demon.co.uk   Seaview House,
http://www.kanga.demon.co.uk   Crete Road East.
Tel / Fax 44 (0)1303 891106   Folkestone. Kent. CT18 7EG.UK

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [13143] RE: FDIM Registration Update
Message-ID: <199702261653.JAA02904@mars.ditell.com>

Gang:

Time for another FDIM Registration report. Things are shaping up nicely!
Keep those checks flowing, as we are less than three months away!

LAST	FIRST	CALL
Albert	Ted	KF8EE
Bachmann	Richard	N3SLR
Beedlow	Peter	NN9K
Benson	Dave	NN1G
Bertuzzo	Serge	VA3SB
Bornstein	Steve	K8IDN
Butler	Ralph	K6ZAN
Butler	Ray	WA4KEJ
Carr	Mike	WA1QAA
Cavcey	Ken	W0YOR
Corbin	Robin	NI9R
Corbin	Lowell	W8IQB
Cumming	John	VE3JC
Douglas	Preston	WJ2V
Doyle	Ron	N8VAR
Doyle	Don	AC5II
Eilers	Michael	AC4XS
Evans	Ken	W4DU
Everhart	Joe	N2CX
Firth	Graham	G3MFJ
Fishpool	Tony	G4WIF
Fitton	Jim	W1FMR
Follett	Bob	AB7ST
Foote	John	KR4GL
Gaffney	Bernard	N8PVZ
Gobrick	Bob	N0EB
Goemans	Paul	WA9PWP
Greer	Jeffrey	WD4ETO
Hartley	Charles	KM3V
Henshaw	Jerry	KR5L
Heron	George	N2APB
Hintz	Gus	W2ZHA
Johnson	Harold	W4ZCB
Karty	Steven	N5SK
Kellogg	Bob	AE4IC
Kellogg	Ellen	A1XYL
Kelsey	Bill	N8ET
Lynch	Martin	KA1LXG
Manuel	Ed	N5EM
Massena	Fred	KG8OK
Matheson	Hugh	K0QD
Meier	Pete	WK8S
Midkiff	Monte	N7TAU
Moyle	Al	N3KFL
Muscolino	Bruce	W6TOY/3

Owen	James	K4CGY
Passione	Vince	WA2ECP
Puckett	Dan	WD8AAU
Rea	Al	W8LRM
Reid	Glen	K5HGB
Roberts	Ken	VE3BGW
Rosenfeld	Scott	NF3I
Schill	Bob	N9ZZ
Shearer	Sam	WB5ZJN
Stafford	Jim	W4QO
Todd	Ron	K4WZ
Touth	Len	KG8SF
Tracy	Dan	KC9RH
Windish	Walt	KB2JE
Winkler	Dan	N7IVR
Wohlschlag	Dick	WA9FLX
Younce	Jim	K4ZM
Young	Terry	K4KJP

FDIM 97 is May 15th, the day before Hamvention at Dayton. The conference runs all day at the Days Inn South, Miamisburg, OH

If you have not registered yet, send $30 in US funds, check or MO, made out to Bob Follett, using the address below. A reminder, Pete Meier, WK8S, will handle the Banquet ticket reservations, and has posted his own instructions to the List.

HOTEL ROOMS:

The 75 Rooms Myron has reserved are filled, and Myron is still seriously ill. So if you have a question about your reservation, contact Buck, ARCI President, at n8cqa@aol.com -- he is hoping to get the list of reserved names from Myron. While there may be last minute cancellations available through Myron/Buck, or direct with the hotel, I suggest making reservations at one of the nearby hotels. I am providing a list, with phone numbers, taken from the Hamvention 97 brouchure. They refer to this area as Section IV, for reference.

Best Western Continental Inn, Miamisburg,	(937) 866-5500
Days Inn South, Miamisburg,	(937) 847-8422
Econo Lodge South, Dayton,	(937) 223-0166
Holiday Inn Dayton South, Moraine,	(937) 294-1471
Knights Inn Dayton South, Miamisburg,	(937) 859-8797
Red Roof Inn Miamisburg, Miamisburg,	(937) 866-0705
Signature Inn, Miamisburg,	(937) 865-0077

Super 8 Motel, Moraine,   (937) 298-0380

There is also the Hampton South, about 3-4 miles away. Phone # unknown

The Days Inn South address and local phone number are:

3555 Maimisburg Centerville
Dayton, OH 45449
513-847-8422

73, Bob
FDIM Registration Chair

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr.   VOICE: 801.649.6457
Park City, UT 84060   E-mail: bfollett@ditell.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [13097] re: fox
Message-ID: <9702260150.AA07280@rgfn.epcc.Edu>

re my last working Ernie AA1IK - that was at 0143 UTC
Sorry about leaving the time off.

--
Ray Colbert, W5XE, SOWP 1064M, OOTC 3618, FISTS 2146
El Paso, Tx

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13167] Re: FOX Report de AA1IK
Message-ID: <199702262200.PAA00420@usr07.primenet.com>

Howdy Folks,

So from Ernie's Fox log, we have:

CA: 8, AZ: 5, TX: 5

You Texans are *really* lucky that Mike (NQ7K) was at
his Unix class last night.... :-)

Thanks for a great Fox run, Ernie!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Brad Mugleston <bmug@gwl.com>
Subject: [13133] RE: Fox Results 2/25/97 Z Novice/Tech
Message-ID: <01BC23BC.61DF9E00@pps-pc10.gwl.com>

100 Watts???? I guess we don't get any FOX points for this one. I was sitting at about 4 watts and no filtering (left it on my other radio, thought I would go bareback for a change). I missed your 579 and forgot to write down what I sent - wasn't a great night, it was like having Nils over - that group could distract anyone.

Lets try it again on the 11th or 18th of March (Zulu) this time QRP-QRP.

Brad

From: CHARLES K BROWN[SMTP:n4so@juno.com]
Sent: Tuesday, February 25, 1997 7:34 PM
Subject: Re: Fox Results 2/25/97 Z Novice/Tech

N4SO

579 Alabama , and the name is Ken.
Good signal all the time I was listening.
Maybe you have noise on your end, or other technical
problems. I was running at the 100 watt level to give you
the best signal to copy.

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: martin38945@juno.com
Subject: [13101] Re: FOX SIGS
Message-ID: <19970225.212024.7567.4.martin38945@juno.com>

On Tue, 25 Feb 1997 17:32:15 -0800 (PST) jsm@deepcove.com (Steve McDonald) writes:
>Ernie AA1IK is on now with a tremendous signal back here on the west
>coast!!
>Great band condx finally!!
>
>Steve/ VE7SL

Dear Steve & Friends,

You also had a big sig here in Indiana. But Ernie? Band went very long and he was never above a 229 at this QTH. I knew there was no chance of Ernie hearing me... but I gave a couple calls anyway. No use. I have to think most of the East Coasters got shut down .

Thanks anyway, Ernie. You were loud somewhere!

vy 73,

Martin W9XN QRP-L #998

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: jsielke@pobox.com
Subject: [13106] Re: FOX SIGS
Message-ID: <m0vzZVM-0006G7C@ux1.cyberenet.net>

On 1997-02-25 jsm@deepcove.com said to jsielke@pobox.com
 js>Ernie AA1IK is on now with a tremendous signal back here on the
 js>west coast!! Great band condx finally!!
 js>Steve/ VE7SL

I think I will start selling copies of my work schedule as a propagation forecast. When I have to work, conditions are super! I noticed I have to work the weekend of 4/26, for QTTF, no way I can get off, so expect GREAT conditions!

NUTS!!!!
    _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com

```
   | \| || | |  _ | |/ __|  n4js@n4js.ampr.org  NJ Grid:FM29LN
   | .` ||_  _|| || |\__ \       http://www.pobox.com/~n4js
   |_|\_|  |_|  \__/ |___/  NJ-QRP #57  QRP-L #884  QRP-ARCI #9328
   NE-QRP #507 G-QRP #9544  Norcal #????  QCWA Life Member
```


From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: tahrens1@juno.com
Subject: [13107] Re: FOX SIGS
Message-ID: <19970225.211943.4895.1.tahrens1@juno.com>

Great Signal into Austin ALL NITE!

Thanks Ernie!!

Tim W5FN

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [13122] Re: FOX SIGS
Message-ID: <1.5.4.16.19970226060742.1b5f31c6@destin.nfds.net>

At 09:19 PM 2/25/97 EST, martin38945@juno.com wrote:

>Dear Steve & Friends,

>You also had a big sig here in Indiana. But Ernie? Band went very long
>and he was never above a 229 at this QTH. I knew there was no chance of
>Ernie hearing me... but I gave a couple calls anyway. No use. I have to
>think most of the East Coasters got shut down .

  Martin,

  Ernie had a fair signal to NW Florida, I gave him a 339 when I caught him at 0216UTC. As I called him, a QRO station started calling CQ and I thought I missed him, then heard him call me, acknowledge my report and send his. His signals were QSB'ing and being QRM'ed but I heard him in there and he got me.

  THANKS ERNIE!!!!!

72/73

--
Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bmyers@destin.nfds.net>
homepage http://destin.nfds.net/~bmyers/
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
http://n9nvv.qrp.com/~fists (That's N 9 N V V)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: GREGOIRE@endor.com
Subject: [13123] RE: FOX-AA1IK
Message-ID: <Chameleon.970226084803.GREGOIRE@Gregoire.endor.com>

Hello OJ,

No problem OM,

How did you hear the digital signal that was jamming me?

Please respond directly instead of to the list.
I believe that he is monitoring this list.
He was on my frequency an hour before the hunt, and
disapppeared when we quit.

73
---
de AA1IK, Lead by example.
Ernie Gregoire
  It is better to pull a string,
  than to push it.
R.R. 1, Box 221,
South Rd. Fists # 2644, N.E.QRP # 202
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
  Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/26/97 08:45:30

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: rob3ert@juno.com (Robert G. Parks)
Subject: [13174] Re: FS: Butternut HF6VX antenna
Message-ID: <19970226.151025.6902.0.rob3ert@juno.com>

Al right, Vic, what's a FOX BLASTER???

Bob Parks
(K6AEC)

On Wed, 26 Feb 1997 12:56:46 -0800 Vic Rosenthal <rakefet@rakefet.com>
writes:
>SNIP
>
>Now that I have the FOX BLASTER, I don't need this anymore!
>
>Vic K2VCO (Fresno CA)
>
>

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13155] Re: FYBO Log submission question
Message-ID: <199702261919.MAA10962@usr02.primenet.com>

Howdy Chris,

Hope you don't mind if I cc: the List, since you're not
the only one asking.

Chris (N3XRV) wrote:

> I might have missed it, but, should we mail them in? If so to where?

Send FYBO Logs to:

Snailmail -

Joe Gervais, AB7TT
PO Box 1822
Goodyear, AZ 85338

Email -
vole@primenet.com

Format:
FYBO Summary sheet and logsheet blanks were emailed to
QRP-L last week. Please let me know if you need them
again. Thanks!

> Sorry to be a pest but as I have't seen any other N/T scores
> posted to the list I'm starting think I was the only one...
> Maybe I'll make a clean sweep of the N/T category :)

If so, my friend, you're in luck! Not only is the N/T+ high
score worth your very own NQ7X "VibroFloyd" MiniMagPaddle,
but one of the surprise categories is a random drawing from
N/T+ logs for a 40-9er kit. I'd say your odds may be pretty
good! :-)

OTOH (on the other hand), I really was hoping for more
activity in the Novice areas of the bands.... *sigh*

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13152] Re: FYBO Prizes: Updated ScQRPion Hit List
Message-ID: <199702261853.LAA10010@usr02.primenet.com>

Howdy Paul,

> Sheeze... you still missed me! W8KC ScQRP #21 !!!!!!!!
>
> 73 =paul= w8kc

Doh! Sorry Paul! Folks, please add W8KC to your Worked
All ScQRPions hunt. Next year we'll use our ScQRPion #'s
in place of power in the exchange - promise!

UPDATED SCQRPION HIT LIST

AB7OA	N4BP
AB7ST	N7VE
AB7TT	N9UKX
KB9LGJ	NQ7K
KC7SLY	NQ7X
KC7SXW	W5VBO
KF4KRV	W7AQK
KI7MN	W9UQB
KJ7YN	WB5QYT
KT3A	WJ4P

--> W8KC <--

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [13102] Re: He's there!
Message-ID: <Pine.A41.3.95b.970225181935.81488A-100000@homer16.u.washington.edu>

Ooooh-Wheee, it's 02:20 UTC and I'm on the frequency. Let's
see...yes, there's CW...several as a matter of fact! And oh,
there's some digital stuff too. Switch to the slightly wider
filter and there's actually phone work going on as well. Makes
for very interesting music. One sure way to tell when the
band is open...it's busier than a beehive :) I'll QRX until
later this evening. Oh! Oh! Now there's 2 digital stations
and multiple CW ops all on the same freq. My goodness! Wife is
calling CQ for dinner. Whew! 73 all....

Stephen Lee, AB7HI

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [13120] Re: HERE YOU GO, CHUCK!
Message-ID: <19970226.110631.5223.1.k5zty@juno.com>

Hey Chuck,
When they send you to Bulgaria, will you pick up my QSL card from LZ5W
for me?
It surely would save me some postage and time. Also make sure that they
put 2X in the mode spot . I'd hate for you to have to make a second trip.

Thanks in advance,
Bill, K5ZTY
WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: John Seboldt <rohrwerk@pconline.com>
Subject: [13118] Re: Info on Signal One CX-7A & QRP
Message-ID: <Pine.LNX.3.91.970226010159.4190C-100000@newton.pconline.com>

Ed,

I have one too, a basket case that needed lots of fixing but now is a fine rig for $200 and some elbow grease.

The Class A solid-state driver section by itself puts out about 3-4 watts, I think -- I remember tracing things out and seeing it flat-top at about 40 volts peak to peak, of course that was without a 50-ohm load so I don't know how it would behave.

Mine came with a switch to kill the final heaters, and with a 10 pF capacitor and a piece of coax hung on the driver output and routed to the spare jack on the back. I presume he just needed a little drive for a transverter or something.

The driver is probably the place to look. It would be a simple matter to add the filament kill switch, then tap off the final output with another .1 or .01 uF blocking capacitor. This should be rated at 1-3 kV to protect against possible grid shorts to plate, making the high voltage appear on the coax lead into the final compartment. You would then have to make up some lowpass filters for the band of interest, and see to appropriate TR switching.

On most bands, mine puts out about 5-10 watts with the drive cranked down-- perfect for tune-up or QRP!

Mark Mandelkern, KN5S is a guy to contact for a big pack of modifications -- there are a number of little and not-so-little problems with the design that are fun to address. (5259 Singer Rd., Las Cruces, NM 88005).

John Seboldt K0JD

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [13165] Re: Kenwood TS-140S
Message-ID: <3.0.16.19970226130042.3577703e@mail.lightside.com>

Jerry:

I just tried my Kewnwood TS-140S, I can get it down to 1 watt. Use two
fingers on each side of the PWR switch to adjust. Used a WM-2 meter to
check the power out.

At 12:50 2/26/97 -0500, Jeremy Cowgar Wrote
[Snip]
>Does anyone know how to reduce power for QRP operations on this radio? I
>assume their is no easy (quick) way of changing between QRP and QRO? Any
>information would greatly be appriciated.
>
>Jeremy Cowgar - KB8LFA
>jcowgar@villers.com

72/73
Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [13156] Re: Lets think about this...
Message-ID: <3.0.16.19970226114935.12dfb366@mail.lightside.com>

FOR CRYING OUT LOUD! Who cares what Adam What's-his-name thinks. Kill this
thread.

At 14:00 2/26/97 -0500, Randy Hargenrader Wrote
>Wait a minute on the "kit to Adam"...
>Whatever you do - don't send him a kit that you have to
>"tweak" to get on the air. Wait until its a "slam dunk".
>The first thing he'll do is write a letter to QST about
>"Why Homebrew?".
>
>--
>73, Randy WJ4P
>QRP-L #296 ARCI #9152 1996 40-9er High Scorer

Dan Hogan
West Covina, CA
dhhogan@lightside.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [13158] Re: Old Callbooks - Thanks
Message-ID: <1.5.4.32.19970226201457.006d9eb0@adsnet.com>

Thanks to all who offered to research my call with their old callbooks. I received the info from Ed Hare at ARRL Headquarters.

72/3 de Allen, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [13146] RE: QRO kits and stuff
Message-ID: <19970226.120855.4863.1.KD1JV@juno.com>

Hi All,

I can only get on the air in the summer time and always on 40. I find that running 15 to 20 watts helps alot to get consistant QSO's and ragchews. That little bit of extra power cuts through the QRN. It also helps getting QRP stations who are running marginal Rx's and have QRN problems. Maybe when the bands get better (!) I can cut it down to 5 watts, but for most times, 10- 15 watts seems to work the best.

It's not hard to make an amplifier to get 15-20 watts from a pair of IRF511's run at 24 volts, at least up to 20 Meters.

Has anyone built the Ramsey 20 W amp? I'm been tempted, but after building a few Ramsey kits, I'm a bit hesatent. Haven't found one that I haven't had to monkey with to get working...

I'm also wondering if someone were to come out with an decent all band rig in kit form that ran up to 20 watts out, if anyone would buy it? Most likely it would have to sell for 500 bucks to be any good.

Actually, adding another amp stage to a current mono band rig design to give 20 watts would only add 40 or 50 dollars to the selling price. But 5 watts is the magic number that all the kits strive for. If there were some demand for a higher power rig, I'm sure someone would offer one.

Maybe one of the kit places will offer a 20W amp option for thier QRP rigs. In spite of the FCC regulations, if it's a class C amp, can't see how they would be too concerned. Not exactly suitable for CB rigs....as if it mattered anyway...

de KD1JV Steve in NH

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [13121] RE: QRP + & RTTY - Computer control (a page or two)
Message-ID: <204B0C12BC@dental3.ab.umd.edu>

Gang -
  A little up-date on the computer control of the QRP +. The general concencious is that the rig should have both scan features: memory recall by name or freq, a CW typing buffer for transmit, an output format that will save QSO data for logging programs, and maybe other modes- like RTTY. I have used the BASIC program version I wrote this weekend. It works very well, I think. I really love being able to switch freqs while at the keyboard. Since listening to the results of your emails I see where a transmit buffer is going to be useful. The added featrues will not take very long to put in - just some more menu selections, etc.   The Windows version will be the one that takes some time to complete but looks more like July now rather than later in the year. I'm getting to interested in this to let it lapse for days at a time.
  For all those who asked that it be compatible with knw'd , ysu, etc. it ain't gona happen. Their protocols and interfacing are no where near what I'm able to do to the Plus. This is an independent effort and not part of a MFG'ing effort. Hence the disparity of methods and results. I am using a very simple interface to keep cost down and interest up. This should be able to be adapted to other rigs as well. Next I might try and do the ARK series to see how that works.
  FOR RTTY to work I need someone who has done RTTY on the QRP + to contact me. I know some of us have. Really need to discuss how, what freq shifts ,coding and decoding methods(modes?), etc.
  The logging file from the Plus will be a text file with all data - time,freq, call, name, sig reports. This can go to your logging program via pipe line.

So there you have the latest. But really need to hear from some RTTY folks to continue with that effort. Please contact me at this email address or at <mcclun@clark.net>.

John N3REY
Always QRP!

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [13105] Re: QRP mobile, a natural combination
Message-ID: <199702260252.VAA31193@mh004.infi.net>

Gang,At 11:28 PM 2/24/97 EST, you wrote:
>Dear Ron & Friends,
>
>Speaking of excellent mobile signals from an excellent mobile operator...
>how many folks worked Larry, NF0Z/m7 during the CQC contest? He did a
>bang up job and was very Q5 even on a noisy 40m. I don't know if Larry
>was on 80 but if he was... I am sure he was doing a good job there, too.
>I think we can hold up Larry as an example of what can be done from the
>mobile with a little ingenuity.
>
>Vy 73,
>
>Martin W9XN QRP-L #998

I worked him here in North Carolina and gave him a respectable 559. He had a nice signal - was amazed when he signed /M!!

CUL,

>
>
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Michael Effron <meffron@acy.digex.net>
Subject: [13119] Re: QRP-L digest 648
Message-ID: <33143E12.1527@acy.digex.net>

Recently on the list, I read an account of the use of a 20 meter, full wave sloper. I believe it was fed with 50 ohm coax one quarter wave from

the top of the antennna.

It sounds like something I'd like to try and I'd appreciate if the
original poster or anyone else would care to comment on any aspects of
that wire design, ie: height above ground, angle of slope, any precieved
directivity, etc.

Thanks - Mike.
--

<<------ Michael Effron ------>>

email   -   meffron@acy.digex.net
amateur radio   -   ka2pqy

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [13176] Re: QST March (*not* the letter)
Message-ID: <3314CC94.67B6@edcen.ehhs.cmich.edu>

Marshall, this ad reminds me of the ad for a "hot" water heater for your
home...... I have a cold water heater in my house, what abt you?
Why would you want to heat hot water?

Gary/N8AYY

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: Frank Brand <frank001@postoffice.worldnet.att.net>
Subject: [13117] Re: Quality Straight Keys?
Message-ID: <3313D872.222D@postoffice.worldnet.att.net>

Joe Gervais wrote:
>
> Howdy again,
>
> It seems I have a little birthday money left over, so
> naturally I started looking at what I could do to improve
> my station. That's when it occurred to me that a new high-
> quality straight key on a solid base might make my life a
> little nicer.
>
> Any ideas? My goal is to get to 25wpm clean on the beast,

> but I'm not sure how much "quality" would help that along.
> I saw the ad for the new Bencher key, but $149 for the
> base model? I feel funny spending more for a key than I
> do for most xcvr kits. But if it was *really* that much
> better....
>
> Thanks!
>
> Cheers de AB7TT,
>
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
> PS- Ernie was booming into Phoenix too! Solid 579 when he
> wasn't hidden in some deep QSB. Weird condx. I could get
> used to this. :-) Thanks Ernie! Fox #17.5 - Wahoo!

If you really want the best, get a Schurr key - handmade in Germany and a really beautiful piece. Definately not inexpensive, but worth it !

From owner-qrp-l@lehigh.edu Wed Feb 26 18:04:17 1997
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [13089] Re: [13056] Re: A Thought for Discussion - QRO Kits
Message-ID: <199702260056.QAA12188@netcom19.netcom.com>

Pat Bunn of 624 still has a 6M amp kit available, for $125., 10w in to 100w out. It was originally published as an article in the October 1990 QST, and I think, grandfathered. If not, please don't tell the FCC. It seems to be a good match for the Ten-Tec transverters.

His email address is: pbunn624@teleplex.net (Pat Bunn)

This is drifting a bit from QRP.

73, doug